

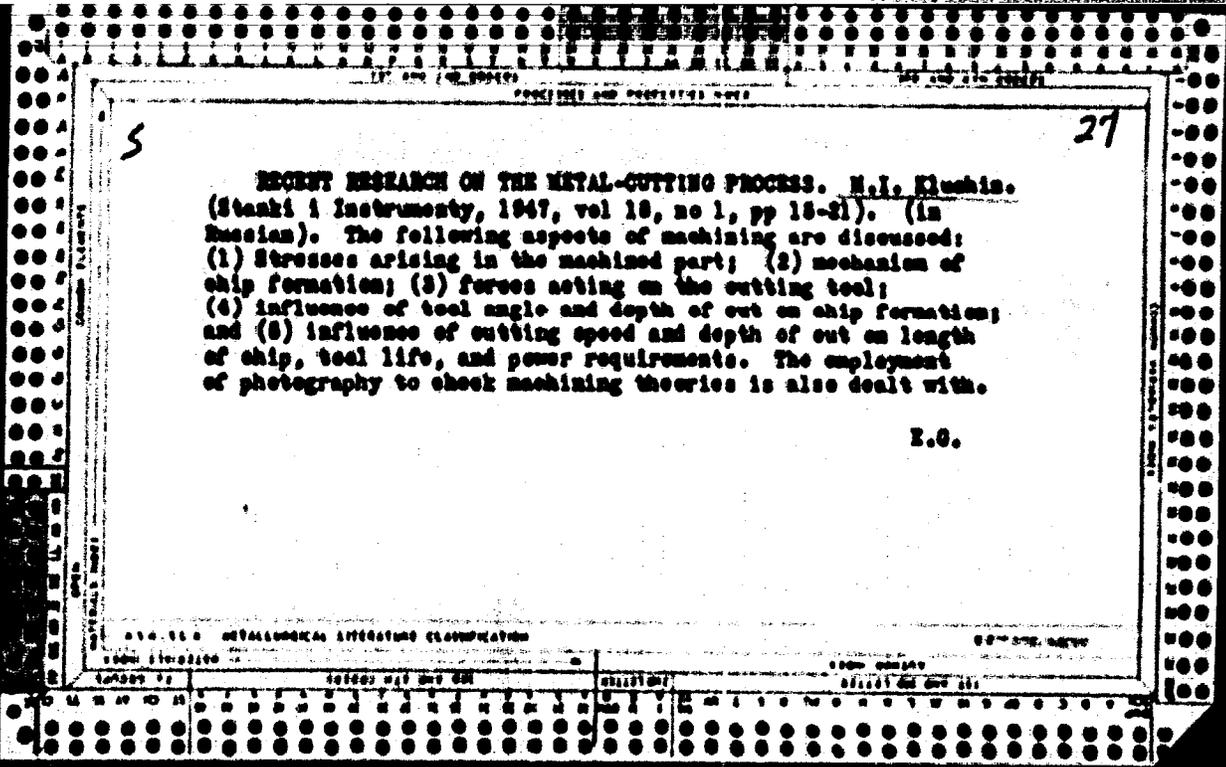
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Machine tool products with hard carbide alloys  
M. J. Kinsley. *United Machinetrains* 20, No. 1, 20-  
33 (1947).—A discussion of W-Co, W-Ti-Co; Kennametal  
and similar alloys used for cutting and rolling  
steel and of the preferred shape for cutting and rolling  
tools.

AS 8-564 METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00
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**KLUSHIN, M.I., kandidat tekhnicheskikh nauk.**

**New studies of the metal cutting process. Stan. 1 instr. 18 no.4:  
20-23 Ap '47 (MIRA 7:11)**

**1. Laboratoriya rezaniya metallov GAZ in. Molotova.  
(Metal cutting)**

KLUSHIN, M. I.

PA 31744

USSR/Mechanics Aug 1947  
Metals - Cutting  
Mathematics - Applied

"The Direction of the Surface Shear during the Cutting of Metals with Formation of Compact Turnings"  
M. I. Klushin, Candidate in Technical Sciences, 12 pp

"Stanki i Instrument"<sup>19</sup> No 8 113-14

The author was assigned the solution of various problems which arise with respect to power system and energy balance during the cutting of metals. Discusses the conclusions which he reached with respect to the power systems which act on a surface shear during the formation of compact turnings or shavings. Diagrams and mathematical formulas.

1944

**KLUSHIN, M. I.**

**Spravochnik po reshiman rezanifa. Isd. 2., perer. Moskva, Mashgis, 1948. 98p. diags.**

**DLC: TJ1230, K6**

**(Handbook on methods of cutting.)**

**SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.**

KLUSHIN, M. I.

Issledovaniia protsessa rezaniia metallov: po materialam otechestvennykh Issledovatelei.  
Moskva, Mashgis. 1949. 161, (3) p. illus.

Bibliography: P. 161-(162).

DLC: TJ1230,K58

(Study of metal-cutting processes; according to materials of Soviet researchers.)

JG: manufacturing and mechanical Engineering in the Soviet Union, Library of  
Congress, 1953.

NIKOLAYEV, K.Ye.; KLUSHIN, M.I., kand. tekhn. nauk, red.; DOROFYEV, V.A.,  
tekhn. red.

[High-speed cutting on automatic machines] Skorostnoe rezanie na  
avtomatakh. Moskva, Gosmergoisdat, 1951. 125 p. (MIRA 11:9)  
(Metal cutting)

AS 17

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944-G. The Process of Forming  
Elementary and Compact Steel Chips.  
(In Russian.) M. I. Kuzhik. *Stroitel'  
Instrument*, v. 23, Sept. 1981, p. 14-18.  
Mechanism of chip formation dur-  
ing machining. (G17, ST)

KLUSHIN, M. I.

Metal Cutting

Ya. G. Usachev—founder of the physical study of metal cutting. Vest. Mash. 31 no. 10, 1951.

9. Monthly List of Russian Accessions, Library of Congress, September, 1953, Unclassified.

KLUSHIN, M. I.  
B.S. - Lecturer

Ya. G. Usachev, The Founder of the Study of Physics for the Metal  
Cutting Processes.

Vest Mash p. 78, Oct 51

KISSIN, M. I., DOCENT, GORDON, M. B.

**Metal Cutting**

Frictional forces on the front part of a cutting tool, and their effect on the process of metal cutting. Vest.mash. 32 No. 3, 1952

9. Monthly List of Russian Accessions, Library of Congress, October 1952, Uncl.

KIUSHIN, M. I.

Cutting (Machining) of Metals, Mashgiz, Moscow 1953, 430 pages.

B-77053, 27 July 54

RYZHKOV, D.I.; SOKOLOV, Yu.N., inzhener, rezensent; KLUSHIN, M.I.,  
kandidat tekhnicheskikh nauk, dotsent, redaktor; POPOVA, S.N.,  
tekhnicheskii redaktor

[Elimination of vibrations in high-speed metal cutting] Opyt  
ustraneniia vibratsii pri skorostnom techenii metallov. Moskva,  
Gos. nauchno-tekhn. iss-vo mashinostroit. i sudostroit. lit-ry,  
1954, 53 p. (MLRA 7:10)

(Machine tools--Vibration)

ZORNY, Nikolay Nikolayevich; KLUSHIN, M.I., kandidat tekhnicheskikh nauk, retsentsent; ADAM, Ya.I., ~~KHRYSTIEN~~ tekhnicheskikh nauk, redaktor; MATVAYEVA, Ye.N., tekhnicheskiy redaktor; TIKHONOV, A.Ya., tekhnicheskiy redaktor

[Mechanical problems in the process of cutting metals] Voprosy mekhaniki protsesssa resaniia metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, (MIRA 9:9)  
(Metal cutting)

USSR/Engineering - Tool design

Card 1/1 : Pub. 126 - 10/36

Authors : Klushin, M. I., and Ryzhkov, D. I.

Title : Attenuation of vibration of the machined component by a method of grinding an anti-chatter chamfer of the cutting edge

Periodical : Vost. mash. 9, 37-41, Sep 1954

Abstract : A cutting tool having a chamfer of 0.1 - 0.3 mm with a negative rake of 80-85 degrees was designed to assist the attenuation of low-frequency vibrations. Laboratory tests were conducted to find the effect of this tool on the time between re-grinds. It was proven that this new tool form creates a relation between cutting force components and cutting speed which resists generation of self-excited vibrations from which tool chatter originates. Graphs; diagrams.

Institution : .....

Submitted : .....

KLUSHIN, M. I.

KLUSHIN, M. I. -- "Investigation of the Process of Elastic Deformation during Metal Cutting." Min Higher Education USSR, Moscow Order of Lenin and Order of Labor Red Banner Higher Technical School imeni Bauman. Moscow-Gor'kiy, 1955. (Dissertation for the Degree of Doctor in Technical Sciences)

SOURCE Knizhnaya Letopis', No 6 1956

25(1)

PHASE I BOOK EXPIRATION

SOV/2204

Klushin, M. I.

Rezaniye metallov; elementy teorii plasticheskogo deformirovaniya srezayemogo sloya (Metalcutting; Elements of the Theory of Plastic Deformation of the Removed Layer) 2nd ed., rev. Moscow, Mashgiz, 1958. 454 p. 16,000 copies printed.

Reviewer: T. N. Loladze, Candidate of Technical Sciences; Ed.: B. Ye. Brushteyn, Candidate of Technical Sciences; Tech. Ed.: A. F. Uvarova; Managing Ed. for Literature on Metal Working and Tool Making: R. D. Beyzel'man, Engineer.

PURPOSE: The book is intended for workers in plant laboratories, process engineers, scientific workers, and teachers at vuzes and tekhnikums.

COVERAGE: This book is a revised second edition. Chapters on wear and service life of cutting tools have been deleted, while the remaining chapters have been revised, supplemented, or completely rewritten. The book treats problems of the theory of plastic deformation in the cutoff layer of metal, including the mechanism of the chip-forming process, cutting forces, the work of cutting, temperatures in the cutting zone, and the theory of stresses in the cutoff layer. Examples of practical application of the theory of plastic

Card 1/8

Metalcutting; Elements (Cont.)

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deformations are presented in the concluding chapters. No personalities are mentioned. References follow several of the chapters.

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Metalcutting; Elements (Cont.)

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AVAILABLE: Library of Congress (TJ 1186.K55)

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CO/lsb  
10-9-59

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KRIVOUKHOV, Vasil'y Aleksandrovich; BRUSHTYN, Boris Yefimovich; YEGOROV,  
Sergey Vasil'yevich; CHERVYAKOV, Arkadiy Grigor'yevich; CHERLOBOV,  
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Vladimir Georgiyevich; PETRUKHA, Petr Grigor'yevich; DESPAKHOTNYI,  
Petr Dmitriyevich; KLUSHIN, M.I., kand. tekhn. nauk, dots., rezensent.;  
ARSHINOV, V.A., kand. tekhn. nauk, dots., red.; SUVOROVA, I.A., izd. red.;  
ROZHEN, V.P., tekhn. red.

[Metal cutting] Obrabotka metallov rezaniem. Moskva, Gos. izd-vo  
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KIUSHIN, M.I.

Design of cutting lips of cutting tools for strength. Stan 1 instr.  
29 no.2:5-7 7 '58. (MIRA 11:3)

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LOLADZE, T.N., kand.tekhn.nauk, red.; MOROZOVA, M.N., red.  
isd-va; KUNIN, P.A., red.isd-va; KL'KIND, V.D., tekhn.red.

[Physical bases of the theory of strength of metal-cutting tools]  
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(Metal-cutting tools)

KIUSHIN, M.I.

Determining the contact area between chips and the face  
of cutting tools, and the pressure in this area. Stan.1  
instr. 31 no.3:22-23 Apr '60. (MIRA 13:6)  
(Metal cutting)

RYZHKOV, Dmitriy Ivanovich; KUDINOV, V.A., kand.tekhn.nauk, retsentsent;  
KLUSHIN, M.I., dotsent, kand.tekhn.nauk, red.; MOROKOVA, M.N.,  
red.isd-va; ML'KIND, V.D., tekhn.red.; GORDYNYVA, L.P., tekhn.red.

[Vibrations due to metal cutting and methods for their elimination]  
Vibratsii pri resanii metellov i metody ikh ustraneniia. Moskva,  
Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1961. 171 p.  
(MIRA 14:4)

(Metal cutting--Vibration)

ANDREYEV, G.S., kand. tekhn. nauk; BOKUCHAVA, G.V., kand. tekhn. nauk, dots.; BRAKMAN, L.A., inzh.; BUDNIKOVA, A.V., inzh.; GORDON, M.B., kand. tekhn. nauk, dots.; ZHAVORONKOV, V.H., inzh.; KARZHAVINA, T.V., kand. tekhn. nauk; KOROTKOVA, V.G., inzh.; KORCHAK, S.N., inzh.; KLUSHIN, M.I., kand. tekhn. nauk, dots.; KUZNETSOV, A.P., kand. tekhn. nauk, dots.; KURAKIN, A.V., inzh.; LATYSHEV, V.M., inzh.; OL'KHOVSKIY, V.H., inzh.; ORLOV, B.M., kand. tekhn. nauk, dots.; OSHER, R.M., inzh.; PODCORKOV, V.V., inzh.; SIL'VESTROV, V.D., kand. tekhn. nauk [deceased]; TIKHONOV, V.M., inzh.; TROITSKAYA, D.N., inzh.; KEBUL'KOV, V.A., inzh.; LESNICHENKO, I.I., red. izd-va; BOKOLOVA, T.F., tekhn. red.; CORDEYEVA, L.P., tekhn. red.

[Lubricating and cooling fluids and their use in cutting metals]  
Smazochno-okhlashdaiushchie shidkosti pri rezanii metallov i  
tekhnika ikh primeneniia. Moskva, Gos. nauchno-tekhn. izd-vo  
mashinostroit. lit-ry, 1961. 291 p. (MIRA 15:1)  
(Metalworking lubricants)

VOROB'YEV, S.A.; KLUZHIN, M.I.; YEGOROVA, L.A.

Scientific technological societies and communist brigades.  
Mashinostroitel' no. 2:31-33 P '61. (MIR. 14'2)

1. Predsedatel' Khar'kovskogo oblastnogo pravleniya Nauchno-  
tekhnicheskogo obshchestva Mashprom (for Vorob'yev). 2. Predsedatel'  
Gor'kovskogo oblastnogo pravleniya Nauchno-tekhnicheskogo obshchestva  
Mashprom (for Kluzhin). 3. Predsedatel' Saratovskogo oblastnogo  
pravleniya Nauchno-tekhnicheskogo obshchestva Mashprom (for  
Yegorova).

(Machinery industry—Technological innovations)  
(Efficiency, Industrial)

KLUSHIN, M.I., kand. tekhn. nauk, dotsent

Physical bases of super-high-speed metal cutting. Trudy GPI  
17 no.4:15-22 '61. (MIRA 16:12)

KLUSHIN, M.I.

Algorithm for calculating forces and speeds of cutting. Trudy  
Proek. tekhn. i nauch.-issl. inst. no. 20112-152 (61)  
(MIRA 1967)

FEL'DSHTEYN, E.I., doktor tekhn. nauk, prof. (deceased); BARANOV,  
I.G., inzh., retsenzent; KLUSHIN, M.I., doktor tekhn.  
nauk, red.

[Fundamentals of the efficient use of metal-cutting tools]  
Osnovy rtsional'noi ekspluatatsii rezhushchikh instru-  
mentov. Izd.2., perer. Moskva, Mashinostroenie, 1965.  
178 p.  
(BIRA 18:2)

KLUSHIN, N.A.

Examining pneumatic hammers with a new recoil-reducing work cycle.  
Izv.vost.fil.AM SSSR no.4/5:138-153 '57. (MLRA 10:?)

1. Zapadno-Sibirskiy filial Akademii nauk SSSR.  
(Pneumatic tools)

KLUSHIL, N.A., Cand Tech Sci—(diss) "Pneumatic hammers with new cycle process which reduces recoil." Novosibirsk, Acad Sci USSR., Western Siberia<sup>17</sup> ~~Branch~~ Affiliate, 1958. 20 pp with ill (Min of Higher Education USSR. Len Order of Lenin and Order of Labor Red Banner Mining Inst in G.V. Plekhanov), 110 copies (KL,30-58, 127)

-78-

ACC NR: AR6032155

SOURCE CODE: UR/0169/06/000/006/D041/D041

AUTHOR: Klushin, S. V.

TITLE: Method of determining ray velocities from seismic logging data

SOURCE: Ref. zh. Geofizika, Abs. 6D287

REF SOURCE: Sb. Materialy 1-y Nauchn. konferentsii molodykh geologov Belorussii. Minsk, 1965, 109-112

TOPIC TAGS: seismology, seismography, seismic logging, seismic ray, seismic ray velocity, abyssal layer, seismic wave propagation

ABSTRACT: In seismic well logging from a remote shot point ( $> 2$  km), the computation of radiating velocities using conventional methods results in considerable error, due to the fact that the seismic ray is not a straight line. The author derives an approximate expression, in which the difference between observed and vertical time, as well as the use of several other parameters, make it possible to determine radiating velocities with greater accuracy. Processed field observations show that the values obtained on radiating velocities, using the new method,

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UDC: 550.834:550.839

ACC NR: AR6032155

exceed those obtained on average velocities, using conventional methods, by 200—340 m/sec, provided the seismic ray is assumed to be rectilinear. The proposed method provides a more accurate means of plotting the structure of abyssal layers. V. Gratsinskiy. [Translation of abstract]

[SP]

SUB CODE: 08/

Card 2/2

AYZENBERG, D.Ye., geolog; BALUKHOVSKIY, N.F., geolog; BARTOSHNEVSKIY, V.I.,  
 geolog; BASS, Yu.B., geolog; VADIMOV, M.T., geolog; OLADKII, V.Ya.,  
 geolog; DIDKOVSII, V.Ya., geolog; YERSEOV, V.A., geolog; ZHUKOV,  
 G.V., geolog; ZAMDRII, P.K., geolog; IVANTISHIN, M.H., geolog;  
 KAPTARENKO-CHEBNOUSOVA, O.K., geolog; KLIMENKO, V.Ya., geolog;  
 KLUSHIN, V.I., geolog; KLYUSHNIKOV, M.H., geolog; KRASHENINNIKOVA,  
 O.V., geolog; KUTSYBA, A.M., geolog; LAPCHIK, F.Ye., geolog;  
 LICHAK, I.L., geolog; MAKUKHINA, A.A., geolog; MATVIYENKO, Ye.M.,  
 geolog; MEDYNA, V.S., geolog; MELYAVKO, G.I., geolog; MAYDIN,  
 D.P., geolog; NOVIK, Ye.O., geolog; POLOVKO, I.K., geolog; RODIONOV,  
 S.P., geolog; SEMENENKO, N.P., akademik, geolog; SERGEYEV, A.D.,  
 geolog; SIROSHYAN, R.I., geolog; SLAVIN, V.I., geolog; SUKHAREVICH,  
 P.P., geolog; TKACHUK, L.G., geolog; USENKO, I.S., geolog; USTI-  
 KOVSKIY, Yu.B., geolog; TSAROVSKIY, I.D., geolog; SHUL'GA, P.L.,  
 geolog; YURK, Yu.Yu., geolog; YAMNICHENKO, I.M., geolog; ANTROPOV,  
 P.Ya., glavnyy redaktor; FILIPKOVA, B.S., red. izd-va; GUSOVA,  
 O.A., tekhn.red.

[Geology of the U.S.S.R.] Geologia SSSR. Glav. red. P.IA.Antropov.  
 Vol.5.[Ukrainian S.S.R., Moldavian S.S.R.] . . . Ukrainskaia SSR,  
 Moldavskaiia SSR. Red. V.A. Ershov, N.P. Semenenko. Pt.1.[Geological  
 description of the platform area] Geologicheskoe opisanie platfor-  
 mennoi chasti. Moskva, Gos. nauchno-tekhn.isd-vo lit-ry po geol. i  
 okhrane nedr. 1958. 1000 p. [\_\_\_\_ Supplement] \_\_\_\_ Prilozhenia.  
 (Continued on next card)

AYZENBERG, D.Ye.---(continued) Card 2.  
3 fold.maps (in portfolio)

(MIRA 12:1)

1. Russia (1973- U.S.S.R.) Glavnoye upravleniye geologii i okhrany neдр. 2. Ukrainskoye geologicheskoye upravleniye Ministerstva geologii i okhrany neдр SSSR i Institut geologicheskikh nauk Akademii nauk USSR (for all except Antropov, Filippova, Gurova).
3. Glavnyy geolog Ukrainskogo geologicheskogo upravleniya (for Yershov).
4. AN Ukrainskoy SSR (for Semenenko).  
(Ukraine--Geology) (Moldavia--Geology)

SUBBOTIN, S.I.; BONDARENKO, A.P.; KRUGLIAKOVA, G.I. [Kruhliakova, H.I.];  
KLUSHIN, V.I.; NAUMCHIK, Yu.L.; PETKEVICH, G. I [Petkevych, H.I.]

Progress in geophysical studies of western regions of the  
Ukrainian S.S.R. during the Soviet regime. Pratsi Inst.  
geol. kor'kop. AN URSR 1:118-148 '59. (MIRA 14:6)  
(Ukraine--Prospecting--Geophysical data)

ЛИСОВИЧ, Ю. А.

"Some Problems of Regulating the Temperature Rate of a Steel Melting Furnace."  
Cand Tech Sci, Moscow Order of Lenin lower Engineering Inst (auth: Y. A. Lisoviy,  
19 Feb 54. Dis citation (Vechernyaya Moskva, Moscow, 10 Feb 54)

SO: SU1 196, 12 Aug 1954

KLUSHIN, Yuriy Aleksandrovich; SEZDIK, M.M., red.

[Automation of water treatment] Avtomatizatsiia vodo-  
podgotovki. Moskva, Energiia, 1965. 77 p. (Biblioteka  
teplotekhnika, no.13) (MIRA 18:6)

S/190/60/002/010/020/026  
B004/B054

**AUTHORS:** Kozlov, P. V., Iovleva, M. M., Khakimova, A. Kh.,  
Zezin, A., and Klushina, A.

**TITLE:** Solubility of Some Grafted Copolymers

**PERIODICAL:** Vysokomolekulyarnyye soedineniya, 1960, Vol. 2, No. 10,  
pp. 1580-1585

**TEXT:** The authors studied the grafted copolymers from starch and polystyrene (1 : 15), polyethylene terephthalate and polyacrylic acid, polystyrene and polyacrylic acid, and the copolymers from polyisobutylene and polystyrene, as well as polystyrene and polyvinyl acetate, which have common solvents. For starch with polystyrene, and polystyrene with polyacrylic acid, the phase diagrams were taken by precipitation with methanol from benzyl alcohol solution (Fig. 1). There is only a limited solubility range (3 - 4%), and the other part of the diagram area represents a heterogeneous phase. In polyethylene terephthalate with polyacrylic acid dissolved in benzyl alcohol, and polyisobutylene with polystyrene dissolved in cyclohexane, two phases are formed when cooling their

Card 1/2

## Solubility of Some Grafted Copolymers

S/190/60/002/010/020/026  
B004/B054

solutions; thus, phase diagrams could be taken on the basis of the equilibrium concentration of the two layers at different temperatures (Fig. 2). Also here, the authors observed a wide range of heterogeneity. In polystyrene with polyvinyl acetate, the phase diagram was also determined by precipitation with methanol from benzyl alcohol, and compared with that of polystyrene (Fig. 3). Also here, the solubility of the copolymer is much restricted. Thus, grafting always effected a decrease in solubility of the copolymer as compared with the components. An investigation of the integral swelling heat of polystyrene in benzene, polystyrene with polyvinyl acetate in benzene, polystyrene with polyvinyl acetate in the mixture of hydrogenated monomers (ethyl benzene and ethyl acetate), and a mechanical mixture from polystyrene and polyvinyl acetate in this mixture yielded an increase in the swelling heat for the copolymers (Table). As in the previously studied copolymers from polystyrene with polyacrylic acid, grafting effects a loosening of the structure, and a variation of the energy- and entropy component of the swelling and solution of the copolymer acting unfavorably on the solubility. The authors thank V. A. Kargin for his interest and discussion. There are 3 figures, 1 table, and 9 references: 7 Soviet, 1 US, and 1 British.

Card 2/2    ASSN: Moscow State Univ.

KLUSHINA, T.

Increase women's activity in mass defense work. Voen. znan. 33 no.3:  
1 Nr '57. (MIRA 10:6)

1. Chlen-presidium Tsentral'nogo komiteta Dobrovol'nogo obshchestva  
sodeystviya armii, aviatsii i flotu SSSR.  
(Military education) (Women)

KLUSHINA, T., proizvoditel' rabot

How we work. Stroitel' no.12:20-21 D '58. (MIRA 12:1)

1. Upravleniye nachal'nika rabot-77<sup>4</sup> tresta Sverdlovskpromstroy.  
(Sverdlovsk--Construction industry--Accounting)

Country : USSR  
Category: Virology. Viruses of Man and Animals.  
Rickettsias.

E

Abs Jour: Ref Zhur-Biol., No 23, 1958, No 103570

Author : Tokarevich, K.N.; Epshteyn, Ye. P.; Klus'ina, T.A.

Issue : -

Title : Some Results of Detection of Atypical Forms of Typhus

Orig Pub: Sb. Rikettsiozy, Leningrad, 1958, 42-50.

Abstract: No abstract.

Card : 1/1

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ANSHELES, I.M.; FRIDMAN, E.A.; STEHINA, Ye.S.; KLUSHINA, T.A.; TARASOVA,  
Ye.P.; KHAZANSON, L.B.

Epidemiological and virological characteristics of the influenza  
pandemic of 1957 in Leningrad. Trudy Len.inst.epid.i mikrobiol.  
17:66-77 '58. (MIRA 16:2)

1. Iz sektora epidemiologii (sav. I.M. Ansheles) i laboratorii  
grippa (sav. E.A. Fridman) Leningradskogo instituta epidemiologii,  
mikrobiologii i gigiyeny imeni Pastera, Gorodskoy sanitarno-  
epidemiologicheskoy stantsii i Protivogrippoznogo kabineta 39-y  
polikliniky Dzerzhinskogo rayona, Leningrada.  
(LENINGRAD—INFLUENZA)

ANSHULES, I.M.; FRIDMAN, M.A.; KLUSHINA, T.A.; STENINA, Ye.S.; KHAZENSON, L.B.;  
TARASOVA, Ye.F.

Influenza pandemic of 1957 and certain epidemiological and virological  
characteristics of influenza in Leningrad. Vop. virus 4 no.1: Ja-F '59  
(MIRA 12:4)

1. Leningradskiy institut epidemiologii, mikrobiologii i gigiyeny imeni  
Pastera, Leningradskaya gorodskaya sanitarno-epidemiologicheskaya stant-  
siya i 39-ya poliklinika.

(INFLUENZA, epidemiol.  
in Russia (Sov))

MASLENNIKOVA, L.K.; KLUSHINA, T.A.

Etiology and the epidemiology of acute respiratory diseases of a non-influenzal nature in Leningrad during 1958. Trudy Len. inst. epid. i mikrobiol. 19:76-82 '59. (MIRA 16:2)

1. Is laboratorii gruppa (rukovoditel' E.A. Fridman) Leningradskogo instituta epidemiologii, mikrobiologii i gigiyeny imeni Pastera i Leningradskoy gorodskoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach N.G. Origor'yeva).  
(LENINGRAD—RESPIRATORY ORGANS—DISEASES)

KLUSHINA, T.A.; KRACHKOVSKAYA, M.V.; MASLENNIKOVA, L.K.

Influenza-like diseases in the newborn. Vop. okh. mat. i det. 5  
no. 1:13-18 Jan-F '60. (MIRA 13:5)

1. Iz kafedry akusherstva i ginekologii i Leningradskogo meditsinskogo instituta (sav. - prof. I.I. Yakovlev) Gorodskoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach N.G. Grigor'yeva) i laboratorii grippa Instituta epidemiologii, mikrobiologii i gigieny imeni Pastera (sav. E.A. Fridman).  
(INFANTS (NEWBORN)--DISEASES)

KLUSHINA, T. A. MASLENNIKOVA, L. K.

"Features of group diseases due to adenovirus infection in children according to Leningrad data."

Report submitted for the 1st Intl. Congress on Respiratory Tract diseases of Virus and Rickettsial Origin. Prague, Czech. 23-27 May 1961.

MASLENNIKOVA, L.K.; KLUSHINA, T.A.; SAPOZHNIKOVA, V.A.

Characteristics of group diseases caused by adenoviruses in children.  
Trudy Len.inst.epid.i mikrobiol. 22:174-184 '61. (MIRA 16:2)

1. Iz laboratorii grippa (sav. E.A. Fridman), sektora epidemiologii (sav. I.N. Shheles [deceased]) Leningradskogo instituta epidemiologii i mikrobiologii imeni Pastera i Leningradskoy gorodskoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach N.G. Grigor'yeva).

(ADENOVIRUS INFECTIONS) (CHILDREN--DISEASES)

MASLENNIKOVA, L.K.; KLUSHINA, T.A.; SAPOZHNIKOVA, V.A.

Characteristics of group adenovirus diseases among children. Sov.  
med. 25 no.7:95-99 J1 '61. (MLA 15:1)

1. Is laboratorii grippa (sav. E.A.Fridman) sektora epidemiologii  
(sav. I.M.Anshales [deceased]) Instituta epidemiologii i mikrobiologii  
imeni Pastera i Leningradskoy gorodskoy sanitarno-epidemiologicheskoy  
stantsii (glavnyy vrach N.G.Origor'yevn).  
(ADENOVIRUS INFECTIONS)

GUSARSKAYA, I.L., kand.med.nauk; MASLENNIKOVA, I.K., kand.med.nauk;  
KLUSHINA, T.A.

Clinical characteristics of epidemic outbreaks of adenovirus  
diseases in children. Sov.med. no.3:88-92 '62. (MIRA 15:5)

1. Iz Leningradskogo nauchno-issledovatel'skogo instituta detskikh  
infektsiy (dir. - prof. A.L. Libov) Instituta epidemiologii i  
mikrobiologii imeni Pastera (dir. M.Ya. Nikitin) i Leningradskoy  
gorodskoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach  
V.N. Kovshilo).

(ADENOVIRUS INFECTIONS)

MASLENNIKOVA, L.K.; MAYOROVA, L.P.; KLUSHINA, T.A.

Methods and results of the study of adenovirus diseases in  
Leningrad during the period 1958-1961. Trudy Irk. NIIEH no. 7:  
210-219 '62 (MIRA 19:1)

1. In laboratorii grippa Leningradskogo instituta epidemiologii  
i mikrobiologii imeni Pastera.

S/137/61/000/012/042/149  
A006/A101**AUTHORS:** Kudryavtsev, A.A., Klushina, T.V.**TITLE:** On the problem of refining selenous slurries of arsenic**PERIODICAL:** Referativnyy zhurnal. Metallurgiya, no. 12, 1961, 23, abstract 120165 ("Tr. Mosk. khim.-tekhmol. in-ta im. D.I. Mendeleeva", 1961, no. 35, 116-118)

**TEXT:** The authors investigated refining of selenous slurries of As with the aid of HCl solution. An amount of 0.13-1% As remained in the washed slurry. Washing of the slurry was performed in a retort with a mixer. The sediment was filtered after decomposition, dried up and analyzed for As and Se determination. Washing was made with HCl of 35, 30, 25, 20, 15, 10 and 5% concentration. In the first series of tests 200 ml HCl were employed per 50 g slurry. Mixing was conducted at room temperature during 1 hour. Satisfactory washing of As is obtained when using the 35%-acid. The Se content increases from 10.8 to 22.75%. Prolongation of the mixing time from 1 to 3 hours does not substantially improve washing of the slurry from As, neither it increases the Se content in the slurry.

Card 1/2

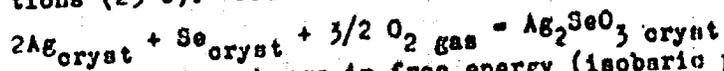
S/076/62/036/006/007/011  
B117/B138

AUTHORS: Selivanova, N. M., Leshchinakaya, Z. L., and Klushina, T. V.

TITLE: Physical and chemical properties of selenites. I. Thermodynamic properties of silver selenite

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 6, 1962, 1349 - 1352

TEXT: This is a short report on a study of the thermodynamic properties of silver selenite. The heat of precipitation of silver selenite from aqueous solutions (mean value  $10.68 \pm 0.05$  kcal/mole) was measured and its solubility in water (mean value  $2.85 \cdot 10^{-16}$ ) determined under normal conditions ( $25^{\circ}\text{C}$ ). From the results, the formation of silver selenite



from elements, change in free energy (isobaric potential), and the heat of formation were calculated:  $\Delta Z_{298.16}^{\circ} = -73.64$  kcal/mole,  $\Delta H_{298.16}^{\circ} = -82.45$  kcal/mole. From the values obtained, the absolute entropy of crystalline silver selenite was determined:  $S_{298.16}^{\circ} = 74.36$  entropy units.

Card .1/2

SELIVANOVA, N.M.; LESHCHINSKAYA, Z.L.; KUCHINA, T.V.

Physicochemical properties of selenites. Part 1. Zhur. fiz.  
khim. 36 no.6:1349-1352 Je'62 (MIRA 17:7)

1. Khimiko-tekhnologicheskij institut imeni Mendelejeva,  
Moskva.

KLUSHINA, T.V., st. prepod.

[Problems and equations of chemical reactions included on 1963-1964 chemistry entrance examinations on cards chosen by lot (with the solution of certain standard problems)] Zadachi i uravneniia khimicheskikh reaktsii, vkluchavshiesia v ekzamenatsionnye bilety vstupitel'nykh ekzamenov po khimii v 1963-1964 gg. (s resheniem nekotorykh tipovykh zadach). Moskva, 1965. 30 p.

(MIRA 18:12)

1. Moscow, Khimiko-tehnologicheskii institut.

ACCESSION NR: AT4017078

8/3063/61/017/004/0018/0022

AUTHOR: Klushkin, M. I. (Candidate of technical sciences, Docent)

TITLE: The physical bases for the super-high-speed cutting of metals

SOURCE: Gorkiy. Politeknicheskiy institut. Trudy\*, v. 17, no. 4, 1961, 15-22

TOPIC TAGS: metal cutting, plastic deformation, metal strain resistance, strain resistance, high speed metal cutting

ABSTRACT: The author believes that the physical bases underlying the accomplishment of super-high-speed metal cutting lie in the following laws. Plastic deformation (strain) is always accompanied by two competing processes — hardening and relaxation. Hardening is an athermic process, independent of temperature. On the other hand, the relaxation rate depends to a marked degree on temperature and, if the latter is constant, the degree of relaxation is determined by the time during which it may appear in the process of deformation (strain); that is, by the strain rate. The possibility is discussed of reducing strain resistance with increased strain rate through the heat effect with adiabatic heating. The author claims

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ACCESSION NR: AT4017075

that it is extremely likely that with sufficiently high cutting speeds conditions will arise in the plastically deformed transition zone of adiabatic deformation with very high heating of the deformed (strained) layers of the metal during the process of their deformation with a resultant decrease in their strain resistance. It is shown that the ratio of the plastic strain resistance of metals to the statistical shear yield point decreases as a function of the reduction of the metal's temperature conductivity; that is, the resistance of metals to plastic strain increases less under cutting conditions, the lower their temperature conductivity. This law, which holds for both cutting speeds of medium value as used in industry and for very low speeds (0.2 meters/minute) is discussed in some detail and an attempt is made to explain it. The author indicates that, schematically, the effect of the cutting speed on the resistance of the metals to plastic strain (deformation) under actual cutting conditions may be represented by the curve shown in Fig. 1 of the Enclosure. In section ab, as the speed increases, the resistance rises slowly, since the time is shortened, during which relaxation occurs in the straining process, and it is precisely this effect which is predominant. In section bc, the effect of the adiabatic heating of the strained layers becomes predominant and the resistance to straining with increased speed decreases, attaining a minimum at point c.

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ACCESSION NR: AT4017076

In section cd, resistance increases due to the influence of the forces of inertia which, after reaching a considerable value, continue to increase as the speed rises. In the final section de, the resistance increases even more rapidly in connection with the emergence of the liquid phase in the strained zone, shear resistance which increases in proportion to the shearing speed. The most favorable conditions for super-high-speed cutting exist at speeds near point c. The absolute speed values  $v$  depend to a large extent on the properties of the material being machined (its hardness, thermal conductivity, thermal capacity, specific weight, etc.), with the result that these values may fluctuate from one to many hundreds of meters per second. "The author thanks Prof. L. D. Sokolov for advice in the preparation of this paper." Orig. art. has: 3 tables, 3 figures and 5 formulas.

ASSOCIATION: Politekhnichesky Institut, Gorkiy (Gorkiy Polytechnical Institute)

SUBMITTED: 00

DATA ACQ: 20Mar64

ENCL: 01

SUB CODE: MM

NO REF SOV: 010

OTHER: 002

Card 3/4

ACCESSION NR: AT4017076

ENCLOSURE; 01



Fig. 1. Hypothetical general picture of the dependence of the resistance to plastic strain of machined metal on the cutting speed throughout a wide range of speed changes: 1 - T shear; 2 - kg/mm<sup>2</sup>; 3 - a; 4 - b; 5 - c; 6 - d; 7 - e; 8 - V m/sec.

Card 4/4

*Klusis V.V.*

PURENAS, A.K., prof.; BRAZAUSKAS, V.V., inzh.; KLUSIS, V.V., inzh.

Vat dyeing of wool. Tekst.prom. 18 no.5:36-38 My '68.

(MIRA 11:5)

1. Kaunasskiy politekhnicheskii institut (for Purenas). 2. Machal'nik  
otdelochnogo tsakha fabriki "Litkasa" (for Brazauskas). 3. Fabrika  
"Litkasa" (for Klusis).

(Dyes and dyeing--Wool)

MALINOWSKI, Henryk; KLUSKA, Janusz

An attempt to treat oxyuriasis with the juice of *Oxyccaria*  
(*Oxyccaria quadripetalus* Gilib.). *Wlad parazyt.* 10 no.2:  
435-437 '64.

1. Katedra Biologii i Parazytologii lekarskiej i II. Klinika  
Pediatria na Akademii Medycznej, Lodz.

KLUSKA, Janusz

The problem of lambliasis in a pediatric clinic. *Wiadomosci parazyt.*  
8 no.4:447-453 '62.

1. II Klinika Chorob Dzieci AM, Lods.  
(GIARDIASIS in inf & child)

SALA, Tadeusz, mgr., ins.; KLUSKA, S., mgr., ins.; SEKOWSKI, Kazimierz,  
mgr., ins.

From the activities of the Foundry Institute. Przegl odlew  
11 no.10:17-20 Biul Inform '61.

KLUSKA, Stanisława, mgr.inz.

Measurements of the resistivity of cast metals. Prægl odlew  
12 no.7; Suppl: Biul inform Inst Odlew 12 no.7/8:14-15 '62.

~~EMYLINSKI, W., doc. mgr ins.;~~ BACH, St., mgr ins.; ~~KLUSKA, St., mgr ins.;~~  
SIEMBACH, E., mgr ins.

Laboratory testing of electrodehydrates. Nafta Pol 18 no.9:248-250  
S '62.

1. Akademia Gorniczo-Hutnicza, Krakow.

KLUSKA, V.

Prevention of pyoderma in infants. Lek.listy 5 no.8:222-224 Ap '50.  
(CML 19:2)

1. Of the Pediatric Clinic of the Medical Faculty, Masaryk University, Brno (Head -- Prof. Otakar Teychl, M.D.).

KLUSKA, V.

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1. Of the Children's Clinic of the Medical Faculty, Masaryk University,  
Brno (Head--Prof. Otakar Teysehl, M. D.).

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**MACKU, M.; KLUSKA, V.; TNYBCHL, O.**

**Further experiences in therapy of the scarlet fever. Lek. listy, Brno  
8 no.13:306-309 1 July 1953. (CLML 25:1)**

**1. Of the Infectious Department (Head--Docent V. Kluska, M.D.) of Pediatric Hospital, Brno. 2. Penicillin and sulfonamides.**

KLUSKA V.

Zasady prevence detske mizni obrny Principles of poliomyelitis prevention Prakt. Lek. 1953, 33/1 (3-5)

The following principles are emphasized: (1) early diagnosis; (2) hygiene in children's homes etc.; (3) isolation of cases in special hospitals or wards; (4) avoidance of fatigue; (5) avoidance of contact with sick children; (6) extermination of flies; (7) avoidance of travelling during an epidemic; (8) disinfection of excreta; (9) avoidance of panic; (10) pediatric examination of all children in neighborhoods where cases have appeared. Collaboration between hygienists, epidemiologists, pediatricians, teachers and others is required. Prochazka - Prague (IX, 8, 4, 7)

EXCERPTA MEDICA, Vol. 7, No. 3, Section VIII, March 1954

**KLUSKA, Vladimir, Dr; HANDSCHUNOVA, Olga, Dr**

Lung in whooping cough. Pediat. listy, Praha 9 no.4:208-211  
June-Aug 54.

1. Z Detskeho infekcniho oddeleni KDN v Brne - Cerne pole, primar  
doc. dr. Vladimir Kluska.  
(LUNGS, in various diseases,  
whooping cough)  
(WHOOPIING COUGH  
lungs)

*KLUSKA, VE*  
KLUSKA, V. Doc.

Construction and outfit of children's departments in hospitals,  
some suggestions. Cesk.pediat. 10 no.1:67-72 Feb 55.

1. Brno, detake infekcno oddel. krajske detake nemocnice.  
(HOSPITALS  
pediatric department, construction & outfit.)

*Kluska, Vlad*

HANDSCHUHOVA, Olga, as. dr.; MACKU, Milos, as.dr.; KLUSKA, Vlad, doc. dr.

Typhoid osteomyelitis. Cesk.pediat. 11 no.2-3:179-200 Mar 56.

1. Z infekcniho oddeleni Krajske detske nemocnice v Brne, predn.  
doc. MUDr Vladimir Kluska.

(TYPHOID FEVER, compl.

osteomyelitis in child)

(OSTEOMYELITIS, etiol. and pathogen.

typhoid fever)

*Kluský, Vladimír*

HANDSCHUBOVA, Olga; KLUSKA, Vladimír; MACKU, Milos.

Typhoid form of tularemia. Cesk.pediat. 11 no.2-3:195-197 Mar 56.

1. Z infekčního oddelení Krajské dětské nemocnice v Brně,  
prednosta doc. Dr Vladimír Kluska.

(TULAREMIA, in inf. and child  
sareomycin & chloramphenicol)

(CHLORTETRACYCLINE, ther. use  
tularemia in child., with sareomycin)

(AUREOMYCIN, ther. use  
tularemia in child., with chlortetracycline)

MACU, Milos, Dr.; KLUSKA, Vladimir, Doc., Dr.

Harmful factors in etiology of poliomyelitis. Prakt. lek.,  
Praha 35 no.11:252-256 5 June 56.

1. Z infekcniho oddeleni Krajske detske nemocnice v Brne.  
Prednosta doc. Dr. Vladimir Kluska.  
(POLIOMYELITIS, etiology and pathogenesis  
factors lowering resistance)

*Kluska, Vladimir*

HANDSCHUHOVA, Olga; POSPISIL, Leopold; KLUSKA, Vladimir

Clinical & laboratory experiences in diagnosis of parotitis & its complications. Cesk. pediat. 13 no.3:195-200 5 Apr 58.

1. Infekčni oddelení Krajské detské nemocnice v Brně, přednosta doc. Vladimir Kluska.

(PAROTITIS, in inf. & child  
clin. manifest. & diag. (Cs))

KLUSKA, VLADIMIR

MILOTOVA, J.; KLUSKA, Vlad.; STEISKAL, Jar.

Information about parents of children at an infectious ward as one of the methods of prevention of hospitalism. Cesk. pediat. 13 no.4:355-359 5 May 58.

1. KDM, Brno, infekcni odd, prednosta doc. MUDr. Vlad. Kluska.  
(CHILD PSYCHOLOGY  
hospitalism, prev. (Cs))

STAJSKAL, J.; WINDBERMANOVA, D.; KLUSKA, V.

Desquamation in infectious mononucleosis. Cesk. pediat. 14 no.2:162-166  
5 Feb 59.

1. Inf. oddeleni Krajske detske nemocnice v Brne, prednosta doc. MUDr.  
V. Kluska, J. S., Brno, Cernopolni 22a.

(INFECTIOUS MONONUCLEOSIS, manifest.

desquamation (Cs))

(SKIN, in various dia.

desquamation in infect. mononucleosis (Cs))

STEJSKAL, J.; KLUSKA, Vl.

Non-specific adenopathy in a respiratory syndrome. Cesk.pediat.  
15 no.8:720-724 Ag '60.

1. Krajska detska nemocnice, izolacni oddeleni, prednosta doc. dr.  
Vl. Kluska.

(RESPIRATORY SYSTEM dis.)

(LYMPHADENITIS in inf. & child)

KLUSKA, V.; VIEDERMANNOVA, D.; JEZKOVA, D.

Athmatoid conditions appearing during pertussis and post-pertussis.  
Cesk.pediat.15 no.6/7:621-623 J1'60.

1. Detske infekcni oddeleni, prednosta doc.dr. Vl.Kluska  
Alergologicke oddeleni MUNE, prednosta dr.V. Hajicek.  
(WHOOPING COUGH compl)  
(ASTHMA in inf & child)

WIEDERMANNOVA, D.; KLUSKA, V.; HONSIG, K.

Foreign bodies in the respiratory tract simulating acute infectious diseases. Cesk. pediat. 16 no.4:346-348 Ap '61.

1. Detske infekcni oddeleni krajske detske nemocnice v Brne Prednosta: doc. dr. V. Kluska Otorinolaryngologicke oddeleni krajske detske nemocnice v Brne Prednosta: primar dr. M. Kucera.

(RESPIRATORY SYSTEM for bodies)  
(COMMUNICABLE DISEASES diag)

KLUSKA, Vladimír; MACKU, Miloš; MENŠIK, Jaromír

Demonstration of antibodies against swine influenza viruses in man.  
Cesk. pediat. 16 no.5:408-414 My '61.

1. Vyzkumny ustav veterinarni CSAZV v Brne, prednosta prof. dr. K.  
Sobra Infekcni oddeleni Krajske detske nemocnice v Brne, prednosta doc.  
dr. V. Kluska.

(INFLUENZA immunol)

STEJSKAL, J.; KANIA, V1.; KLUSKA, V1.

Role of glutamic-oxalic transaminase in infectious diseases in childhood. Cesk. pediat. 16 no.5:415-420 My '61.

1. Infekčni oddelení II detske kliniky v Brne, prednosta doc. MUDr. V1. Kluska.

(COMMUNICABLE DISEASES in inf & child)  
(TRANSAMINASES metab)

KLUSKA, Vladimir

(4)

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

Affiliations: Department of Infectious Diseases of the Second Pediatric Clinic (Infekční oddělení II. dětské kliniky), Brno; Director: Docent V. KLUSKA, MD.

Sources: Prague, Praktický Lékař, Vol 41, No 9, 1961, pp 406-408.

Data: "Glucuronic Acid and Infectious Hepatitis."

Authors: KANIA, Vladimir

STEJSKAL, Jaroslav

KLUSKA, Vladimir

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KLUSKA, V.L.

SURNAMES, Given Names

3

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Isolation Department of the Kraj Children Hospital (Isolacni oddeleni Krajske detske nemocnice), Brno; Director; Docent V. KLUSAK, MD.

Source: Prague, Prakticky Lekar, Vol 41, No 13, 1961, pp 581-586.

Data: "Relapsing Respiration Syndrome During Childhood."

Authors: STEJSKAL, J., MD

KLUSKA, V.L., MD

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Effect of corticosteroids on the level of bilirubin, SGOT and glucuronic acid in infectious hepatitis in children. Cesk. gastroent. vys. 15 no.7:508-515 N '61.

1. Infekcni oddeleni KDH, Brno, predneta doc. MUDr. Vlad. Kluska.  
(HEPATITIS INFECTIOUS ther) (ADRENAL CORTEX HORMONES ther)  
(BILIRUBIN blood) (TRANSAMINASES blood)  
(GLUCURONASES blood)

STEJSKAL, J.; KANIA, Vl.; KLUSKA, Vl.

Relation of SGOT and glucuronic acid in infectious hepatitis in  
childhood. Cas. Lek. Cesk. 101 no.12:357-360 23 Mr '62.

1. Infekčni oddelení II dětské kliniky lek. fak. university J. Ev.  
Purkyne, Brno, prednosta doc. MUDr. Vlad. Kluska.

(TRANSAMINASES blood) (GLUCURONATES blood)  
(HEPATITIS INFECTION in inf & child)

KLUSKA, V., doc. dr.

A new clinical syndrome with malignant course "Latent Hepatargia".  
Cesk. pediat. 20 no.6:531-537 Ja'65.

1. Detske infekcni oddeleni fakultni detske nemocnice v Brne  
(vedouci: doc. dr. V. Kluska).

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Some information about the course of purulent pulmonary complications of infectious diseases. *Cesk. pediat.* 20 no.9:785-786 S '65.

Results of controls following staphylococcal exyemas. *Ibid.*: 787-792

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KLUSKA, V.; MACKU, M.; VRZALA, S.

Generalised vaccinia in an infant. Cesk. pediat. 20 no.10:  
902-906 0 '65.

1. Infekčni oddelení Fakultní dětské nemocnice v Brně (vedoucí doc. dr. V. Kluska) a Dětské oddelení Obvodního ústavu národního zdraví ve Vsetíně (vedoucí MUDr. S. Vrzala).

CZECHOSLOVAKIA

WIEDERMANNHOVA, D; KLUSKA, V, Dr; JANOUSEK, S, Dr. CSc.

1. Infectious Section, Faculty of Children's Hospital (Infekčni oddelení Fakultní dětské nemocnice) - (for Kluska, Head, and ?); Brno; 2. Chair of Forensic Medicine, J.E.Purkyně University (Katedra soudního lékařství University J.E.Purkyně), Brno - (for Janousek - Head and ?)

Prague, Ústřední lékařství, No 3, March 1966, pp 280-284

"A fatal case of Lyell's syndrome."

Pediatrics

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CZECHOSLOVAKIA

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KLUSKA, V.; Department of Infectious Diseases, Faculty Pediatric Hospital (Infekční Oddelení Fakultní Dětské Nemocnice), Brno, Head (Vedoucí) Docent Dr V. KLUSKA.

"Some Principles of and the Approaches to the Prevention of Infectious Diseases of Children."

Prague, Casopis Lekarů Českých, Vol 105, No 27-28, 4 Jul 66, pp 713 - 720

Abstract [Author's English summary modified]: Scientific methods must be used at all times in prevention of infectious diseases in children. Correct diagnosis should be made as soon as possible, once a disease is contracted. Possible foci of infections are discussed. 1 Table, 5 Western, 37 Czech, 2 East German references. (Manuscript received Jan 66).

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SO: Monthly List of East European Accessions, (REAL), LC, Vol. 4, No. 6, Jan. 1955,  
Uncl.

KLUSON<sup>1</sup>, Vatslav [Kluson, Vaclav]

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(Czechoslovakia--Chemical industries)  
(Czechoslovakia--Economics, Mathematical)

KLUSON, Vaclav

Determining the optimum size of new chemical plants and their location. Chem prum 12 no.5:227-232 My '62.

1. Vyskumny ustav technickoekonomicky chemickeho prumyslu, Praha.

KLUSON, Vaclav

Contribution to some problems of the optimization of the plan.  
Chem prum 14, no.11:563-569 N '64

1. Technical and Economic Research Institute of Chemical Industry,  
Prague.